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|---|--|--|------------------|--|-----------------|---|-----------|
| <b>Form PTO-1449</b><br>(Modified)  |  | <b>U.S. DEPARTMENT OF COMMERCE</b><br><b>PATENT AND TRADEMARK OFFICE</b><br><b>Patent and Trademark Office</b> |                  | <b>Attorney's Docket Number</b><br>15-948  |                 | <b>Application Number</b><br>09/401,439 |           |
| <b>INFORMATION DISCLOSURE CITATION</b><br><br>Sheet 1 of 1  |  |  |                  | <b>Applicant</b><br>Usama M. Fayyad et al. |                 | <b>Filed</b><br>September 22, 1999      |           |
|   |  |  |                  | <b>Examiner</b><br>Not yet assigned COLON  |                 | <b>Art Unit</b><br>2761 2163            |           |
| <b>U.S. PATENT DOCUMENTS</b>  |  |  |                  |  |                 |   |           |
| <b>EXAMINER INITIALS</b>  | <b>DOCUMENT NUMBER</b>   | <b>DATE</b>  | <b>NAME</b>      | <b>CLASS</b>                               | <b>SUBCLASS</b> | <b>FILING DATE IF APPROPRIATE</b>       |           |
| CME   | 5,787,274  | 07/28/98   | Agrawal et al.   | 707  | 102             |   |           |
| CME   | 5,799,311  | 08/25/98   | Agrawal et al.   | 707  | 102             |   |           |
| CME   | 5,870,735  | 02/09/99   | Agrawal et al.   | 707  | 3               |   |           |
| CME   | 6,212,526  | 04/03/01   | Chaudhuri et al. | 707  | 102             |   |           |
|   |  |  |                  | <b>RECEIVED</b>                            |                 |   |           |
|   |  |  |                  | JUL 10 2001                                |                 |   |           |
|   |  |  |                  | Technology Center 2100                     |                 |   |           |
| <b>FOREIGN PATENT DOCUMENTS</b>   |  |  |                  |  |                 |   |           |
|   | <b>DOCUMENT NUMBER</b>   | <b>DATE</b>  | <b>COUNTRY</b>   | <b>CLASS</b>                               | <b>SUBCLASS</b> | <b>TRANSLATION</b>                      |           |
|   |  |  |                  |  |                 | <b>YES</b>                              | <b>NO</b> |
|   |  |  |                  |  |                 |   |           |
|   |  |  |                  |  |                 |   |           |
|   |  |  |                  |  |                 |   |           |
|   |  |  |                  |  |                 |   |           |
| <b>OTHER DOCUMENTS</b>  |  |  |                  |  |                 |   |           |
| CME   | Article from American Association for Artificial Intelligence entitled "From Digitized Images to Online Catalogs", by Usama M. Fayyad, S.G. Djorgovski and Nicholas Weir, Summer 1996, pgs. 51-66. |  |                  |  |                 |   |           |
| CME   | Article from New Scientist entitled "Panning for data", by Robert Matthews, May 25, 1996, pages 30-33.   |  |                  |  |                 |   |           |
| CME   | Article from IEEE Expert entitled "Data Mining and Knowledge Discovery: Making Sense out of Data", by Usama F. Fayyad, August 1996, pgs. 1-9.  |  |                  |  |                 |   |           |
| CME   | Article from EDBT Conference entitled "SLIQ: A Fast Scalable Classifier for Data Mining", by Manish Mehta, Rakesh Agrawal and Jorma Rissanen, dated 1996, 15 pgs.                                  |  |                  |  |                 |   |           |
| <b>EXAMINER</b>   | <i>Catherine Michelle Olsen</i>  |  |                  | <b>DATE CONSIDERED</b><br>1/9/02           |                 |   |           |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. |  |  |                  |  |                 |   |           |